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APPLICATION NO.	FILING DATE	PRIST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/075,602	02/15/2002	Jeffrey Hung	015290-592	1155
75	90 01/22/2004		EXAM	INER
Peter K. Skiff		UMEZ ERONINI, LYNETTE T		
BURNS, DOANE, SWECKER & MATHIS, L.L.P. P.O. Box 1404		ART UNIT	PAPER NUMBER	
Alexandria, VA 22313-1404			1765	

DATE MAILED: 01/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No. 10/075,602	Applicant(s) HUNG ET AL.	
Advisory Acadii	Examiner Lynette T. Umez-Eronini	Art Unit 1765	
The MAILING DATE of this communication	appears on the cover sheet with the	ne correspondence addre	
PLY FILED FAILS TO PLACE THIS re, further action by the applicant is required action under 37 CFR 1.113 may anily be either actions and the second section of the section of the second section of the section o	er. (1) a timely filed amendment	plication. A proper reply which places the applica-	

Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a finan enjection under 3 CPR 1.13 may good be either (1) is alrealy filled amendment without laces the application in the entire of the application of the entire of t

b) The period for repty expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory cannot for repty expire later than SIX MONTHS from the mailing date of the final rejection.

a) The period for reply expires months from the making date of the final relection.

ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 708.07(f) Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the polition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for repty originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1,704(b), 1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal. The proposed amendment(s) will not be entered because: (a)
 they raise new issues that would require further consideration and/or search (see NOTE below):
 (b) They raise the issue of new matter (see Note below): (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or (d) they present additional claims without canceling a corresponding number of finally rejected claims. NOTE: 3. Applicant's reply has overcome the following rejection(s): 4. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s). 5. ☐ The a) ☐ affidavit. b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet,

6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection. 7. ☐ For purposes of Appeal, the proposed amendment(s) a\(\sigma\) will not be entered or b\(\sigma\) will be entered and an explanation of how the new or amended claims would be rejected is provided below or assended The status of the claim(s) is (or will be) as follows: Claim(s) allowed: none Claim(s) objected to: none Claim(s) rejected: 14,21 and 28-33 Claim(s) withdrawn from consideration; 34 and 35. 8. ☐ The drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). 10. Other: ____ CUPERVISOR NADINE G. NORTON PRIMARY FXAMINER Und In

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Continuation of 5, does NOT place the application in condition for allowance because:

Applicants traverse the 103 rejection of claims 14, 28, 29, 34, 35, and 21 and 30-30 over hairs 4 at, US 5,894.000) and claim 15 ove Main New or Hardbarger et al. (US - 2,002-41) Applicants and push ten modifying blue's claimst by substituting X, which has an ionization potential of 12 it 9 with Ar, which has an ionization potential of 14 of 9/ less has away from the claimed verwindlor, changes contained to the contract of the

Applicant argument is superseasive. Comparing the contraster potential of Xx with other notice gases shows they are of the series of extended in a proceeding posterial of Xx = 14 x | Yx = 15 x | 0 x = 12 x | 0 x | 0 x = 12 x | 0 x | 0 x = 10 x = 10 x | 0 x = 10 x = 10 x | 0 x = 10 x